

ASAMM-Chukchi – Flight 227 – 26 August 2015

Area flown: Transects 221 and 213, partial; block 12, 1 complete and 2 partial transects.

Total hours flown: 3.2

Total transect hours: 1.2

Number of bowhead whales seen: 32 (1 calf)

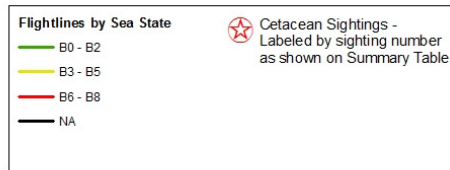
Weather and visibility: Skies were partly cloudy to overcast. Sea state ranged from Beaufort 2 to 7. Visibility ranged from 0 to 10 km, with glare, low ceilings, and precipitation. Low ceilings and rain showers in block 12 precluded additional survey effort. Sea ice cover ranged from 0-7% broken floe ice in the area surveyed.

Sightings: Bowhead whales, belugas (including one calf), unidentified cetaceans, small unidentified pinnipeds, and one dead unidentified pinniped.

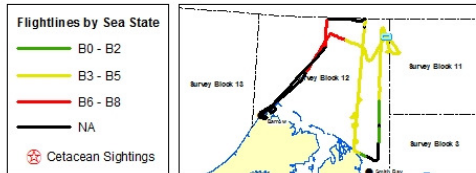
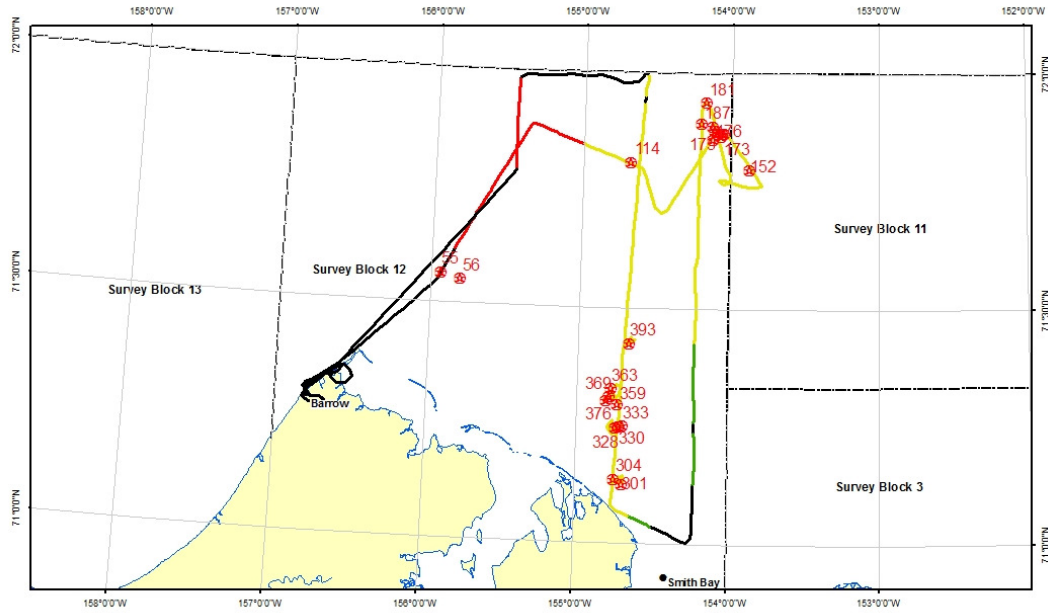
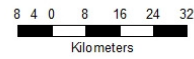
Preliminary Summary, Flight 227 Date: 8/26/2015

Total bowhead whales: 32	Start time: 8/26/2015 9:13:43 AM	End time: 8/26/2015 12:27:48 PM
Bowhead whale sightings: 9	Transect minutes: 70	Transect km:266.1
Bowhead whales on transect: 28	Circling minutes: 33	Circling km: 90.8
Bowhead whale cow-calf pairs: 1	Trans+Circ minutes: 103	Trans+Circ km: 356.9
Bowhead whale cow-calf pairs on transect: 1	Search minutes: 30	Search km: 109.6
Bowhead whale repeats: 1	Total minutes: 194	Total km: 701.8
Possible repeats: 0	Deadhead minutes: 61	Deadhead km: 235.3
Total gray whales: 0	Search blocks: 12, 11	
Total belugas: 25	Transect blocks: 12	
Other whale sightings: 3		
Walrus: No		
Total polar bears: 0		

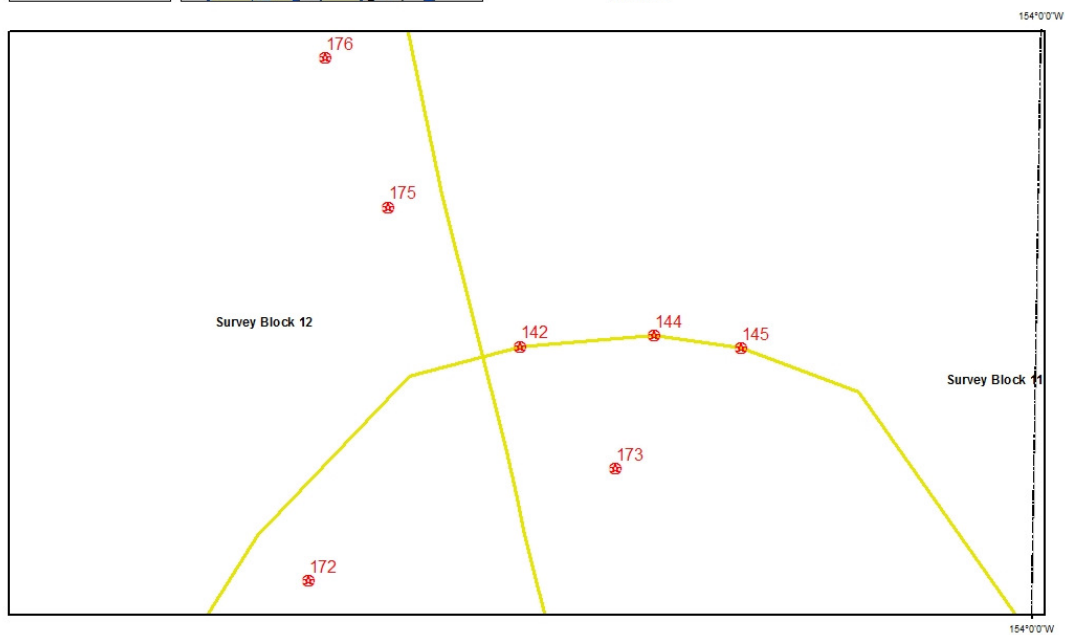
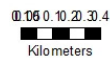
Event	Lat	Long	Block	Species	Total	Calves	Behavior	Swim Direction	On Effort
55	71.56	-155.93	12	bowhead whale	1	0	swim	231	True
56	71.56	-155.93	12	unid cetacean	2	0	swim	-1	True
114	71.81	-154.68	12	beluga	2	0	swim	169	False
142	71.87	-154.09	12	beluga	2	0	rest	-1	False
144	71.87	-154.07	12	beluga	1	0	rest	-1	False
145	71.87	-154.05	12	beluga	3	0	rest	-1	False
152	71.8	-153.87	11	bowhead whale	1	0	rest	-1	False
172	71.86	-154.09	12	beluga	1	0	swim	348	False
173	71.86	-154.09	12	beluga	5	0	rest	-1	False
175	71.88	-154.11	12	beluga	1	0	swim	316	False
176	71.89	-154.11	12	beluga	2	0	swim	316	False
181	71.94	-154.17	12	beluga	1	0	swim	-1	False
187	71.89	-154.21	12	beluga	1	0	swim	-1	False
301	71.13	-154.75	12	bowhead whale	1	0	feed	-1	True
304	71.14	-154.74	12	unid cetacean	1	0	dive	-1	False
328	71.24	-154.73	12	bowhead whale	22	1	feed	-1	True
330	71.25	-154.73	12	bowhead whale	2	0	rest	-1	True
333	71.25	-154.69	12	bowhead whale	1	0	dive	-1	False
359	71.29	-154.71	12	beluga	6	1	rest	-1	True
363	71.33	-154.71	12	bowhead whale	1	0	dive	-1	True
376	71.3	-154.81	12	bowhead whale	2	0	rest	-1	False
393	71.43	-154.69	12	bowhead whale	1	0	dive	-1	True

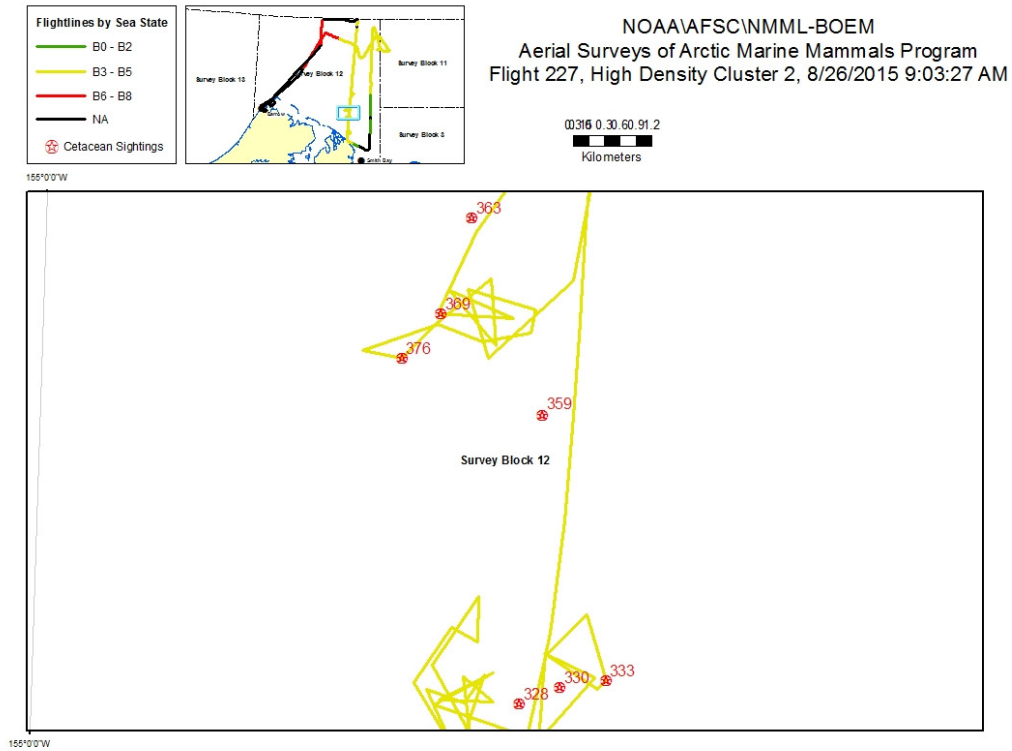


NOAA\AFSC\NMML-BOEM
Aerial Surveys of Arctic Marine Mammals Program
Flight 227, 8/26/2015 9:03:27 AM



NOAA\AFSC\NMML-BOEM
Aerial Surveys of Arctic Marine Mammals Program
Flight 227, High Density Cluster 1, 8/26/2015 9:03:27 AM





Note: Sighting #369 is a repeat of a previous sighting and is not included in the sighting table.



Bowhead whale sighted skim feeding northwest of Smith Bay, Alaska (event 328), ASAMM-Chukchi Flight 227, 26 August 2015. Another bowhead whale is subsurface behind and to the left of feeding whale.